

Recombinant Human HTR2B Protein, GST-tagged

Cat. No. HTR2B-5243H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HTR2B full-length ORF (NP_000858.2, 1 a.a. - 481 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Multiple receptor subtypes of serotonin neurotransmitters with multiple physiologic functions have been recognized. The 5-HT-2 receptors mediate many of the central and peripheral physiologic functions of serotonin. Cardiovascular effects include contraction of blood vessels and shape changes in platelets; central nervous system effects include neuronal sensitization to tactile stimuli and mediation of hallucinogenic effects of phenylisopropylamine hallucinogens.[supplied by OMIM
Molecular Mass	80.7 kDa
AA Sequence	MALSYRVSELQSTIPEHILQSTFVHVISSNWSGLQTESIPEEMKQIVEEQGNKLHWAA LLILMVIPTIGGNTLVILAVSLEKKLQYATNYFLMSLAVADLLVGLFVMPIALLTIMFEA MWPLPLVLCPAWLFLDVLFSTASIMHLCAISVDRYIAIKKPIQANQYNSRATAFIKITVV WLISIGIAIPVPIKGIETDVDNPNNITCVLTKERFGDFMLFGSLAAFFTPLAIMIVTYFLTI HALQKKAYLVKNKPPQRLTWLTVSTVFQRDETPCSSPEKVAMLDGSRKDKALPNSG DETLMRRTSTIGKKSQVQISNEQRASKVLGIVFFLFLMWCPFFITNITLVLCDSCNQ TLQMLLEIFVWIGYVSSGVNPLVYTLFNKTRDAFGRYITCNRYRATKSVKTLRKRSSKI YFRNPMAENSKFFKKHGIRNGINPAMYQSPMRLRSSTIQSSSIILLDTLLLTENEGDK

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	TEERVSYV
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	HTR2B 5-hydroxytryptamine (serotonin) receptor 2B, G protein-coupled [Homo sapiens]
Official Symbol	HTR2B
Synonyms	HTR2B; 5-hydroxytryptamine (serotonin) receptor 2B, G protein-coupled; 5 hydroxytryptamine (serotonin) receptor 2B; 5-hydroxytryptamine receptor 2B; 5 HT(2B); 5 HT2B; 5-HT-2B; 5-HT 2B receptor; serotonin receptor 2B; 5-hydroxytryptamine 2B receptor; 5-hydroxytryptamine receptor 2B variant b; 5-HT2B; 5-HT(2B);
Gene ID	3357
mRNA Refseq	NM_000867
Protein Refseq	NP_000858

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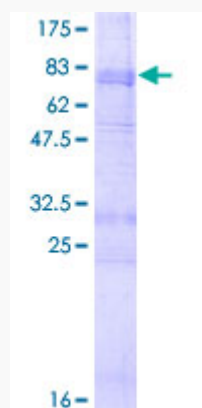
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MIM 601122

UniProt ID P41595

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue

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